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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: April 1, 2009

(use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/677,227
Filing Date	10/3/2003
First Named Inventor	Hiroaki ITO
Art Unit	1646
Examiner Name	Prema Maria MERTZ
Attorney Docket Number	053466-0365

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	E1	2002/0187150 A1	12/12/2002	Mihara et al.	
	E2	2003/0236260 A1	12/25/2003	Shimojo et al.	
	E3	2004/0115197 A1	06/17/2004	Yoshizaki et al.	
	E4	2006/0292147 A1	12/28/2006	Yoshizaki et al.	
	E5	5,210,075 A	05/11/1993	Scholz et al.	
	E6	5,670,373 A	09/23/1997	Kishimoto, Tadimitsu	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	E7	EP 0 448 181 A2	09/25/1991	Gist-Brocades N.V.		
	E8	EP 0 628 639 A1	12/14/1994	Chugai Seiyaku Kabushiki Kaisha		
	E9	EP 0 785 276 A1	07/23/1997	Ajinomoto Co., Inc.		
	E10	EP 0 791 359 A1	08/27/1997	Chugai Seiyaku Kabushiki Kaisha		
	E11	WO 95/09873 A1	04/13/1995	Board of Regents, The University of Texas System		
	E12	WO 95/13086 A1	05/18/1995	Houghten Pharmaceuticals, Inc.		
	E13	WO 95/34320 A2	12/21/1995	Regents of the University of Minnesota		
	E14	WO 96/33735 A1	10/31/1996	Cell Genesys, Inc.		
	E15	WO 98/25971 A1	06/18/1998	Celltech Therapeutics Limited		
	E16	WO 98/28001 A1	07/02/1998	Advanced Biotherapy Concepts, Inc.		
	E17	WO 2004/096273 A1	11/11/2004	Chugai Seiyaku Kabushiki Kaisha		

**NON PATENT LITERATURE DOCUMENTS**

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		<b>First Named Inventor</b>	Hiroaki ITO
		<b>Art Unit</b>	1646
		<b>Examiner Name</b>	Prema Maria MERTZ
<b>Sheet</b>	2	<b>of</b>	3
		<b>Attorney Docket Number</b>	053466-0365

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	E18	Office Action in counterpart Chilean Application 1241-2004, 7 pages.	
	E19	ATREYA et al., "Blockade of interleukin 6 <i>trans</i> signaling suppresses T-cell resistance against apoptosis in chronic intestinal inflammation: Evidence in Crohn disease and experimental colitis <i>in vivo</i> ," Nature Medicine, May 2000, 6(5):583-588.	
	E20	GAILLARD et al., "Identification of a novel antigenic structure of the human receptor for interleukin-6 involved in the interaction with the glycoprotein 130 chain," Immunology, 1996, 89:135-141.	
	E21	GROTTRUP-WOLFERS et al., "Elevated cell-associated levels of interleukin 1 $\beta$ and interleukin 6 in inflamed mucosa of inflammatory bowel disease," European Journal of Clinical Investigation, 1996, 26:115-122.	
	E22	HOLUB et al., "Increased Interleukin-6 Levels, Interleukin-6 Receptor and gp130 Expression in Peripheral Lymphocytes of Patients with Inflammatory Bowel Disease," Scand. J. Gastroenterol., 1998, 33 Suppl., 223:47-50.	
	E23	ITO et al., "A Pilot Randomized Trial of a Human Anti-Interleukin-6 Receptor Monoclonal Antibody in Active Crohn's Disease," Gastroenterology, 2004, 126(4):989-996.	
	E24	ITO et al., "Anti-IL-6 receptor monoclonal antibody inhibits leukocyte recruitment and promotes T-cell apoptosis in a murine model of Crohn's disease," J. Gastroenterol., 2002, 37(Supp. 14):56-51.	
	E25	ITO et al., "IL-6 and Crohn's Disease," Current Drug Targets - Inflammation & Allergy, 2003, 2(2):125-130.	
	E26	JONES et al., "Mucosal Interleukin-6 Secretion in Ulcerative Colitis," Scand. J. Gastroenterol., 1994, 29:722-728.	
	E27	KALAI et al., "Analysis of the mechanism of action of anti-human interleukin-6 and anti-human interleukin-6 receptor-neutralising monoclonal antibodies," Eur. J. Biochem., 1997, 249:690-700.	
	E28	KIBERD, Bryce A., "Interleukin-6 Receptor Blockage Ameliorates Murine Lupus Nephritis," Journal of the American Society of Nephrology, 1993, 4(1):58-61.	
	E29	KISHIMOTO, Tadamitsu, "Interleukin-6 and its Receptor in Autoimmunity," Journal of Autoimmunity, 1992, 5(Supp. A):123-132.	
	E30	KITANI et al., "Autostimulatory effects of IL-6 on excessive B cell differentiation in patients with systemic lupus erythematosus: analysis of IL-6 production and IL-6R expression," Clin. Exp. Immunol., 1992, 88:75-83.	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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	E31	KUSUGAMI et al., "Elevation of Interleukin-6 in Inflammatory Bowel Disease is Macrophage- and Epithelial Cell-Dependent," Digestive Diseases and Sciences, May 1995, 40(5):949-959.	
	E32	NAGAFUCHI et al., "Constitutive Expression of IL-6 Receptors and Their Role in the Excessive B Cell Function in Patients with Systemic Lupus Erythematosus," J. Immunol., December 1, 1993, 151(11):6525-6534.	
	E33	STEVENSON et al., "Tumor Necrosis Factor- $\alpha$ , Interleukin-1 $\beta$ , and Interleukin-6 Expression in Inflammatory Bowel Disease," Digestive Diseases and Sciences, June 1992, 37(6):818-826.	
	E34	SUZUKI et al., "Anti-murine IL-6 receptor antibody inhibits IL-6 effects in vivo," Immunology Letters, 1991, 30:17-22.	
	E35	VANDENABEELE et al., "Increased IL-6 Production and IL-6-Mediated Ig Secretion in Murine Host-vs-Graft Disease," J. Immunol., May 1, 1993, 150(9):4179-4187.	

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